

<b>A. Identification and Coding Information</b>			2. Date: October 1, 2003	7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.
1. Project Number	Agency Number	Update Code	Revised:	
053801	S-120.04	Add		
3. Project Name: Poolesville WWTP: Biological Nutrient Removal			5. Agency: <b>WSSC</b>	
4. Program: <b>Sanitation</b>			6. Planning Area: Poolesville & Vicinity P.A. 17, Lower Seneca P. A. 18	

B. Expenditure Schedule (000's)											
Cost Elements	(8) Total	(9) Thru FY '03	(10) Estimate FY '04	(11) Total 6 Years	(12) Year 1 FY '05	(13) Year 2 FY '06	(14) Year 3 FY '07	(15) Year 4 FY '08	(16) Year 5 FY '09	(17) Year 6 FY '10	(18) Beyond 6 Years
Planning, Design & Supervision	8			8	8						
Land											
Site Improvements & Utilities											
Construction	62			62	62						
Other	1			1	1						
<b>Total</b>	<b>71</b>			<b>71</b>	<b>71</b>						

C. Funding Schedule (000's)											
WSSC Bonds	71			71	71						

**D. Description & Justification****DESCRIPTION**

The project provides funding for WSSC's share of design and construction of a Biological Nutrient Reduction (BNR) process and related upgrades for nitrogen removal at the Town of Poolesville's Wastewater Treatment Plant to comply with MDE mandates.

**Service Area** Seneca Creek Drainage Basin

**JUSTIFICATION****Plans & Studies**

Maryland Interim Nutrient Cap Strategy (March 2001); Draft Discharge Permit (State Discharge Permit Number: 01-DP-0781, NPDES Discharge Permit Number: MD0023001).

**Specific Data**

Total WWTP Nitrogen annual load goal of 15,064 pounds/year (8 mg/l N at 0.6182 mgd; 7.9 mg/l N at 0.625 mgd; 6.6 mg/l N at 0.75 mgd).

**Cost Change**

Not applicable (new project).

**STATUS** Final Design (WSSC Contract No. CB3752A03, ).

**OTHER**

The project scope was developed for the FY2005 CIP and has a total estimated cost of \$71,000. The Town has submitted plans and received approval from MDE. The Town has also put out to bid and has awarded a contract, and soon will give notice to proceed for construction. The expenditures shown above represent WSSC's share after allowing for MDE BNR grant funding.

Montgomery County and WSSC reserve sewage treatment capacity in the Town of Poolesville's WWTP in order to serve the nearby communities of Jonesville and Jerusalem. The terms of the arrangement are contained in the Agreement dated May 22, 1984, and include a provision that the County and WSSC agree to pay 3.2% of costs incurred to meet more stringent legally mandated treatment requirements. Biological Nutrient Reduction (BNR) is required at the WWTP in order to meet proposed new discharge requirements. Montgomery County and WSSC have the use of up to 20,000 gallons per day (average daily flow) of the total 625,000 gallons per day capacity at the plant.

**COORDINATION**

Town of Poolesville and Maryland Department of the Environment.

**NOTE** This project supports 100% Environmental Regulation.

E. Annual Operating Budget Impact (000's)			FY of Impact
Program Costs	Staff .....	.....	.....
	Other .....	.....	.....
Facility Costs	Maintenance .....	.....	.....
	Debt Service .....	5 .....	06
Total Costs.....		5 .....	06
Impact on Water or Sewer Rate.....		.....	.....

**F. Approval and Expenditure Data (000's)**

Date First in Capital Program	FY 05
Date First Approved	FY 05
Initial Cost Estimate	71
Cost Estimate Last FY	
Present Cost Estimate	71
Approved Request, Last FY	
Total Expenditures & Encumbrances	
Approval Request FY 05	71
Supplemental Approval Request Current FY (04)	

**G. Status Information**

Land Status:	Public/Agency owned land
% Project Completion:	D-70%
Est. Completion Date:	FY 2005

**H. Map Map Reference Code:**

**NOT APPLICABLE**